

REMARKS

Reconsideration and allowance of this application are respectfully requested in view of the discussion below.

Claims 1-12 and 14-20 have been finally rejected under 35 U.S.C. § 103 as unpatentable over Chen in view of Eid, Jouan and Whang. Each of these references were previously discussed in the response filed August 24, 2005. This response was not, according to the Office Action, persuasive because the references are able to be combined as they are all in the “field of Interacting Multiple Models (IMMs)”. The conclusion of the rejection is that it would have been obvious to one skilled in the art of Chen to seek variations of the IMM used by Chen when implementing the invention of Chen. Additionally, the arguments concerning the failure of the references to show a selection of one of a plurality of error models as a function of at least one defined selection standard was indicated by the Examiner as not persuasive because again, according to the Examiner, the secondary references provide variations of the general IMM procedures in that they teach using output selection instead of weighted combination of outputs from multiple models.

Going now to the specifics of the statement of the rejection, the reference to Eid has been cited for disclosing the selecting of one of a plurality of error models as a known variant of IMM approach referring to column 17, line 6 to column 19, line 65, wherein the IMM variant is the third variant.

Applicants submit that in order for the Examiner's argument to be persuasive the reference to Eid must be dealing with IMM as stated by the Examiner which means that it must be dealing with the "third variant" which is discussed at column 18, line 60 through column 19, line 65. Particular attention is addressed to column 19, lines 60-63 which indicates that the estimate output to the outside world is calculated through a "weighted sum using probabilities". Thus, this IMM approach does indeed use weighted sum consideration which is contrary to the assertion that the secondary references teach "using output selection instead of weighted combinations of outputs" (Item 1 last paragraph on page 2 of the Office Action).

The other secondary reference to Jouan as stated by the Examiner at the second paragraph on page 4 is indicating as disclosing that "a multiple model that selects among model outputs (3CV-PAR) will perform reasonably for many applications, and its simplicity and its low computational load compared to IMM make it preferable for these applications". Once again, it is submitted that this reference Jouan does not disclose what the Examiner indicates it discloses. That is, in the case of Jouan it discloses a selection of model outputs which is indicated as having advantages when "compared to IMM" and thus, making it preferable to IMM. Therefore, Chen is not addressed to IMM, contrary to the Examiner's assertion that "all these references are in the field of Interacting Multiple Models (IMM)".

The final secondary reference to Whang has been disclosed for selecting among multiple models to produce a more accurate output than IMM. Without further discussing the reference to Whang aside from its previous discussion in the August 24, 2005 response, it can quite easily be seen that Whang is also contrary to the Examiner's assertion that all of the references are concerned with IMM.

Because not all of the references are concerned with IMM because they provide alternatives to IMM not "known variants of the IMM approach" as alleged by the Examiner these references are not obviously able to be combined to one of ordinary skill in the art even if it is accepted that the standard for field of the art is IMM among the references. Of course, Applicants reiterate their position that the references are also not combinable because neither Eid, Jouan or Whang are related to determining the problem of estimated navigational signal error information as is specifically recited in the each of the independent claims of the present invention. Any combination of references does not yield an estimation of navigational signal error information. However, as indicated previously, even the Examiner's standard for "related art" is not met by the references.

The above amendment incorporates the subject matter of claims 1 and 12 respectively into now independent claims 5 and 14.

In addition to the distinguishing features between the claimed invention and the references of independent claim 1, claim 5 additionally recites that the

variance of the estimated navigational signal error information on a reference grid is a defined reception area used as the defined selection standard. There is no such feature or any indication why one skilled in the art could find such a standard or think to use such a standard to meet the claim limitations of independent claim 5 from any disclosure of the references.

Independent claim 14, aside from reciting limitations of independent claim 12 also recites the determination of the estimated navigational error information while applying the selected error module of the received navigation signals and controlling the transmission of determined error information to the radio navigation system. Once again, there is no showing of this feature in any of the references even if, for purposes of arguments, the references could be combined.

It is also submitted that the changes to claims 5 and 14 do not involve the addition of new issues as it merely combines already existing claims and does not affect the dependency of any dependent claims.

Therefore, in view of the distinguishing features between the claimed invention and the references which features are not shown or disclosed or made obvious by the references or their combination, Applicants respectfully request that this application containing claims 1-20 be allowed and be passed to issue.

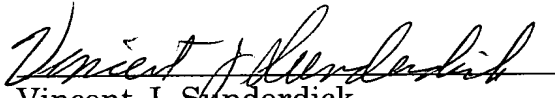
It is to be noted that the final rejection does not set forth a rejection of claim 13 except to the extent that there is a statement in the last paragraph of item 1 which does not serve as a basis for rejection as it is not part of the statement of rejection under 35 U.S.C. § 103 at item 1.

If there are any questions regarding this response or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket # 010408.52704US).

Respectfully submitted,

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Vincent J. Sunderdick
Registration No. 29,004

CROWELL & MORING, LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
VJS:vjs